

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSPTAACK1714

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\*\*\*\*\* Welcome to STN International \*\*\*\*\*

NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 AUG 15 CAOLD to be discontinued on December 31, 2008  
NEWS 3 OCT 07 EPFULL enhanced with full implementation of EPC2000  
NEWS 4 OCT 07 Multiple databases enhanced for more flexible patent  
number searching  
NEWS 5 OCT 22 Current-awareness alert (SDI) setup and editing  
enhanced  
NEWS 6 OCT 22 WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT  
Applications  
NEWS 7 OCT 24 CHEMLIST enhanced with intermediate list of  
pre-registered REACH substances  
NEWS 8 NOV 21 CAS patent coverage to include exemplified prophetic  
substances identified in English-, French-, German-,  
and Japanese-language basic patents from 2004-present  
NEWS 9 NOV 26 MARPAT enhanced with FSORT command  
NEWS 10 NOV 26 MEDLINE year-end processing temporarily halts  
availability of new fully-indexed citations  
NEWS 11 NOV 26 CHEMSAFE now available on STN Easy  
NEWS 12 NOV 26 Two new SET commands increase convenience of STN  
searching  
NEWS 13 DEC 01 ChemPort single article sales feature unavailable  
NEWS 14 DEC 12 GBFULL now offers single source for full-text  
coverage of complete UK patent families  
NEWS 15 DEC 17 Fifty-one pharmaceutical ingredients added to PS  
  
NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that  
specific topic.

All use of STN is subject to the provisions of the STN Customer  
agreement. Please note that this agreement limits use to scientific  
research. Use for software development or design or implementation  
of commercial gateways or other similar uses is prohibited and may  
result in loss of user privileges and other penalties.

\*\*\*\*\* STN Columbus \*\*\*\*\*

FILE 'HOME' ENTERED AT 06:52:28 ON 30 DEC 2008

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 06:52:44 ON 30 DEC 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 29 DEC 2008 HIGHEST RN 1091682-77-7

DICTIONARY FILE UPDATES: 29 DEC 2008 HIGHEST RN 1091682-77-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> e zinc borate/cn

E1	1	ZINC BLOEDITE/CN
E2	1	ZINC BORACITE/CN
E3	2 -->	ZINC BORATE/CN
E4	1	ZINC BORATE (2ZN.B2H4O5)/CN
E5	1	ZINC BORATE (2ZNO.3B2O3)/CN
E6	1	ZINC BORATE (ZN(BO2)2)/CN
E7	1	ZINC BORATE (ZN0.5(BO2))/CN
E8	1	ZINC BORATE (ZN2B2O5)/CN
E9	1	ZINC BORATE (ZN2B6O11)/CN
E10	1	ZINC BORATE (ZN2B6O11) HYDRATE (2:7)/CN
E11	1	ZINC BORATE (ZN3(BO3)2)/CN
E12	1	ZINC BORATE (ZN3B4O9)/CN

=> s E4

L1 1 "ZINC BORATE (2ZN.B2H4O5)"/CN

=> d L1

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN

RN 115887-05-3 REGISTRY

ED Entered STN: 20 Aug 1988

CN Diboric acid, zinc salt (1:2) (CA INDEX NAME)

OTHER CA INDEX NAMES:

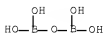
CN Boric acid (H4B2O5), zinc salt (1:2) (9CI)

CN Zinc borate (Zn2B2O5) (6CI)

OTHER NAMES:

CN Zinc borate {2Zn.B2H4O5}

MF B2 H4 O5 . 2 Zn  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL  
 CRN (26851-55-8)



● 2 Zn

10 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 10 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s E10

L2 1 "ZINC BORATE (Zn2B6O11) HYDRATE (2:7)"/CN

=> s L2

L3 1 "ZINC BORATE (Zn2B6O11) HYDRATE (2:7)"/CN

=> d 13

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN  
 RN 149749-63-3 REGISTRY  
 ED Entered STN: 03 Sep 1993  
 CN Boron zinc oxide (B6Zn2O11), hydrate (2:7) (CA INDEX NAME)  
 OTHER NAMES:  
 CN Boron zinc oxide (2ZnO.3B2O3.3.5H2O)  
 CN Firebrake ZB, hydrate (2:7)  
 CN Zinc borate (Zn2B6O11) hydrate (2:7)  
 DR 12772-74-6  
 MF B . 7/2 H2 O . O . Zn  
 AF B6 O11 Zn2 . 7/2 H2 O  
 SR CA  
 LC STN Files: CA, CAPLUS, CHEMCATS, USPAT2, USPATFULL

CM 1

CRN 12767-90-7  
 CMF B . O . Zn  
 CCI TIS

CM 2

CRN 17778-80-2  
 CMF O

o

CM 3

CRN 7440-66-6  
CMF Zn

Zn

CM 4

CRN 7440-42-8  
CMF B

B

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

34 REFERENCES IN FILE CA (1907 TO DATE)  
34 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> e 138265-88-0

E13 1 138265-86-8/RN  
E14 1 138265-87-9/RN  
E15 1 --> 138265-88-0/RN  
E16 1 138265-89-1/RN  
E17 1 138265-90-4/RN  
E18 1 138265-91-5/RN  
E19 1 138265-92-6/RN  
E20 1 138265-93-7/RN  
E21 1 138265-94-8/RN  
E22 1 138265-95-9/RN  
E23 1 138265-96-0/RN  
E24 1 138265-97-1/RN

=> s E15

L4 1 138265-88-0/RN

=> d L4

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN

RN 138265-88-0 REGISTRY

ED Entered STN: 10 Jan 1992

CN Boron zinc hydroxide oxide (B12Zn4(OH)14O15) (CA INDEX NAME)

OTHER NAMES:

CN Zinc Borate 2335

MF B . H O . O . Zn

AF B12 H14 O29 Zn4

CI TIS

SR CA

LC STN Files: CA, CAPLUS, CHEMLIST, MSDS-OHS, TOXCENTER, USPAT2, USPATFULL

Component	Ratio	Component
		Registry Number

O		15		17778-80-2
HO		14		14280-30-9
Zn		4		7440-66-6
B		12		7440-42-8

17 REFERENCES IN FILE CA (1907 TO DATE)  
 17 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> e 12513-27-8

E25	1	12513-25-6/RN
E26	1	12513-26-7/RN
E27	1 -->	12513-27-8/RN
E28	1	12513-29-0/RN
E29	1	12513-30-3/RN
E30	1	12513-31-4/RN
E31	1	12513-33-6/RN
E32	1	12513-34-7/RN
E33	1	12513-35-8/RN
E34	1	12513-36-9/RN
E35	1	12513-37-0/RN
E36	1	12513-38-1/RN

=> s E27

L5 1 12513-27-8/RN

=> d L5

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN  
 RN 12447-61-9 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN Boron zinc oxide (B6Zn2O11), hydrate (2:15) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Boric acid (H4B6O11), zinc salt (1:2), hydrate (8CI)  
 DR 12280-02-3, 12513-27-8, 139354-76-0  
 MF B . 15/2 H2 O . O . Zn  
 AF B6 O11 Zn2 . 15/2 H2 O  
 LC STN Files: CA, CAPLUS, CHEMCATS, CHEMLIST, IFICDB, IFIPAT, IFIUDB,  
 MSDS-OHS, TOXCENTER, USPATFULL, USPATOLD

CM 1

CRN 12767-90-7  
 CMF B . O . Zn  
 CCI TIS

CM 2

CRN 17778-80-2  
 CMF O

o

CM 3

CRN 7440-66-6  
CMF Zn

Zn

CM 4

CRN 7440-42-8  
CMF B

B

76 REFERENCES IN FILE CA (1907 TO DATE)  
76 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> e zinv borate hydrate/cn

E37 1 ZINTREX/CN  
E38 1 ZINTROL/CN  
E39 0 --> ZINV BORATE HYDRATE/CN  
E40 1 ZINVIROXIME/CN  
E41 1 ZINVISIBLE/CN  
E42 1 ZINVISIBLE NANO-FINE ZINC OXIDE/CN  
E43 1 ZINZYME/CN  
E44 1 ZIO 101/CN  
E45 1 ZIO 201/CN  
E46 1 ZIO 3/CN  
E47 1 ZIO 301/CN  
E48 1 ZIO-08/CN

=> e zinc borate hydrate/cn

E49 1 ZINC BORATE FLUORIDE HYDROXIDE (ZN2(BO3)F0.25(OH)0.75)/CN  
E50 1 ZINC BORATE GLASS/CN  
E51 0 --> ZINC BORATE HYDRATE/CN  
E52 1 ZINC BORATE HYDROXIDE (ZN2(BO3)(OH))/CN  
E53 1 ZINC BORATE HYDROXIDE OXIDE (ZN6(BO3)3(OH)O)/CN  
E54 1 ZINC BORATE HYDROXIDE OXIDE (ZN8(BO3)3(OH)3O2)/CN  
E55 1 ZINC BORATE IODIDE/CN  
E56 1 ZINC BORATE IODIDE (ZN3(B7O13)I)/CN  
E57 1 ZINC BORATE NITRATE (ZN3(B7O13)(NO3))/CN  
E58 1 ZINC BORATE OXIDE (ZN0.55(BO2)0.900.1)/CN  
E59 1 ZINC BORATE OXIDE (ZN0.65(BO2)0.700.3)/CN  
E60 1 ZINC BORATE OXIDE (ZN0.75-0.99(BO3)0.2-0.500.96)/CN

=> quit

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

28.97

29.18

STN INTERNATIONAL LOGOFF AT 06:59:56 ON 30 DEC 2008